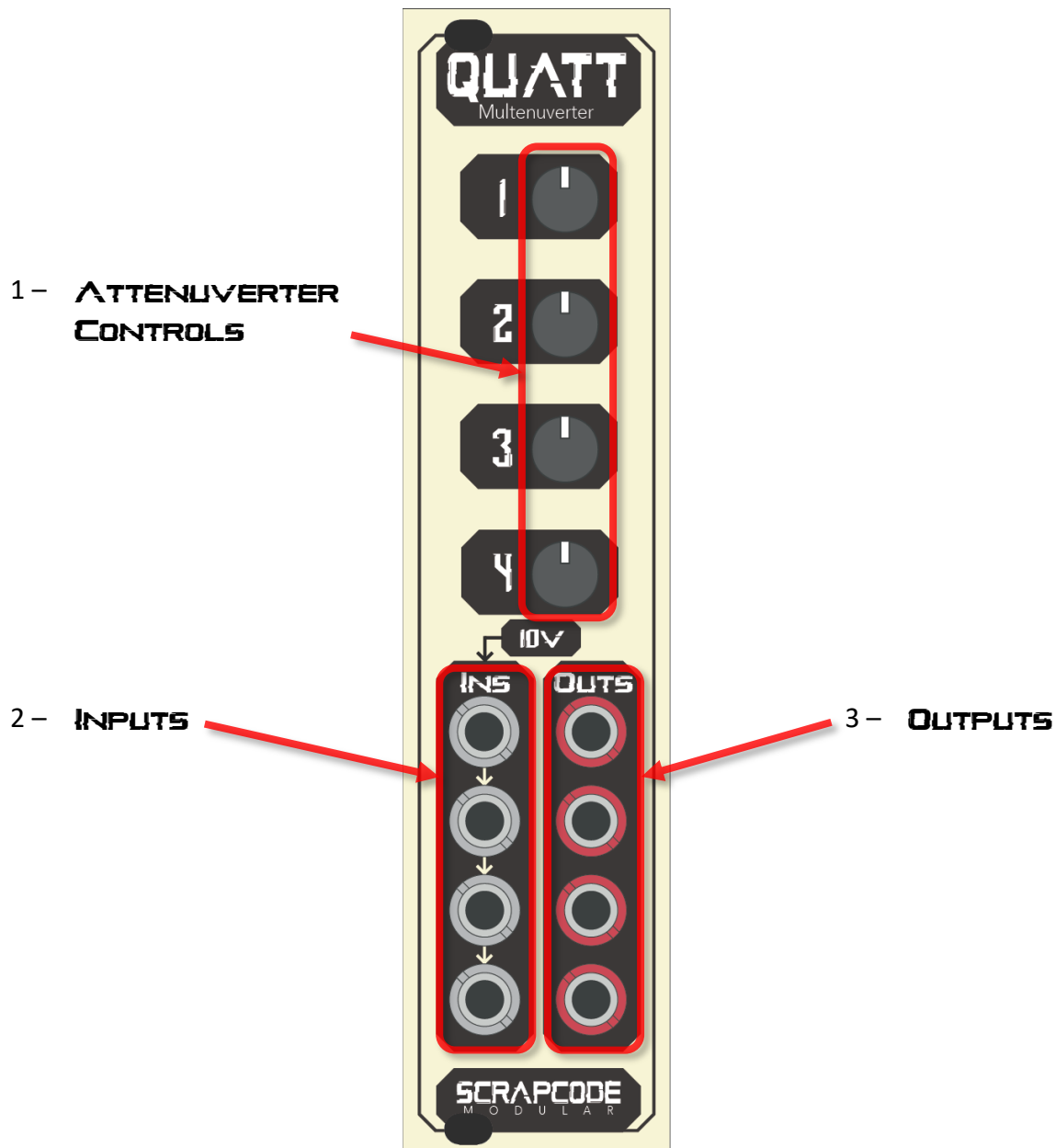




This module takes the signals presented at its **INPUTS** and passes them through to its **OUTPUTS** at a **reduced level** or with an **inverted polarity**.

It also acts as a **buffered multiple**, meaning that the same signal can be used to drive all four **OUTPUTS** with no voltage drop.

Finally, the first **INPUT** is normalled to 10V which can be used as a **static voltage source**.





## 1 – ATTENUVERTER CONTROLS

These knobs attenuate or invert the signal presented at the **INPUTS**, with a 12 o'clock position completely muting the signal. Turning clockwise increases the level at the **OUTPUTS**, and turning anticlockwise increases the level but with an inverted polarity.

## 2 – INPUTS

These operate with CV or audio signals ranging from -10V to +10V and are normalled, meaning that if no patch cable is plugged into a jack socket, it will take a copy of the signal from the above Input. These normalled connections are buffered and no voltage drop will occur between them.

If no patch cable is inserted into the top jack socket, then a static 10V source will instead be used.

## 3 – OUTPUTS

These output the attenuverted copies of the signals presented at the **INPUTS**.

Note that output jacks are all identified by a red jack nut, and should never be directly connected to one another.

## TECHNICAL NOTES

Rack Width	6HP
Rack Depth	30mm (including ribbon connector)
Absolute Maximums	This unit <b>must not</b> be subjected to input voltages greater than +12V or below -12V.
Power Requirements	Power is to be supplied on a 16-pin ribbon cable, as per the Eurorack standard. When installing, the power connector <b>must</b> be oriented with the -12V (usually signified by a red stripe) at the correct end, as shown by the labelling on the unit.
+5V Current Draw	0mA
+12V Current Draw	22mA
-12V Current Draw	10mA